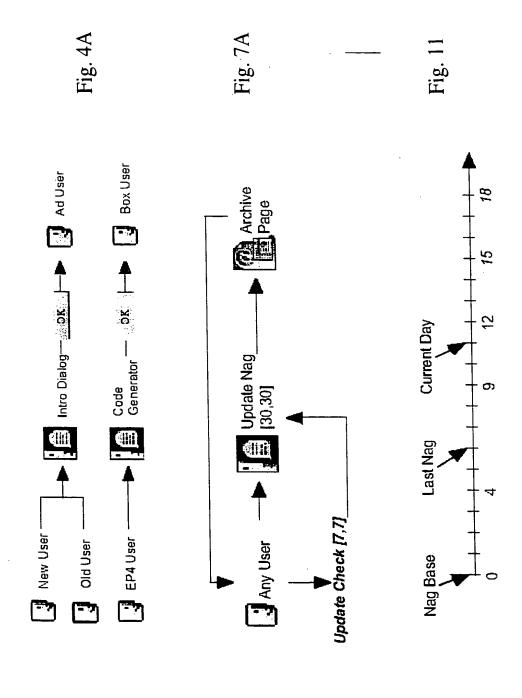


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Fig. 3A

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Fig. 3B



Welcome to Eudoral

Eudora is now licensed in three ways. Sponsored Mode, Paid Mode, and Light Mode. Unless you change modes. Eudora will run in Sponsored Mode, meaning it will display ads.

We have done our best to present the ads in a vay that respects the work you do in email. By allowing Eudora to display ads, you get the full pover of Eudora for free and we can still pay our bills.

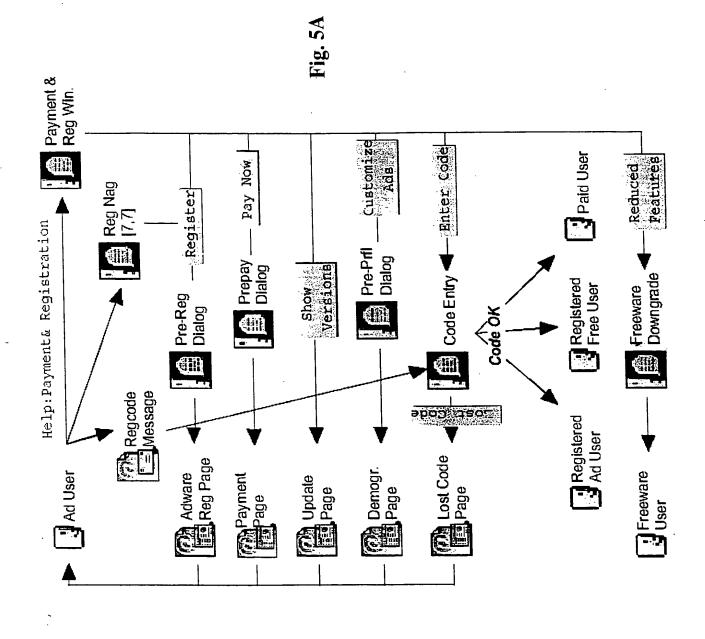
If you decide the ads are not for you you can change modes. Paid Mode shows no ads. Current Eudora Pro. 4 X users will be able to upgrade to Paid Mode for free. Other users will be able to pay a license fee to go to Paid Mode. At this stage in testing the machinery for Paid Mode is not fully tested, and Paid Mode is unavaliable. Light Mode also shows no ads, but has many fewer.

To switch forms of Eudora, please use the "Rayment. & Registration" item in the Help menu. To learn more about the three incues, click on the "Tell Me-More" button below

Tell me more

0K

Fig. 4B



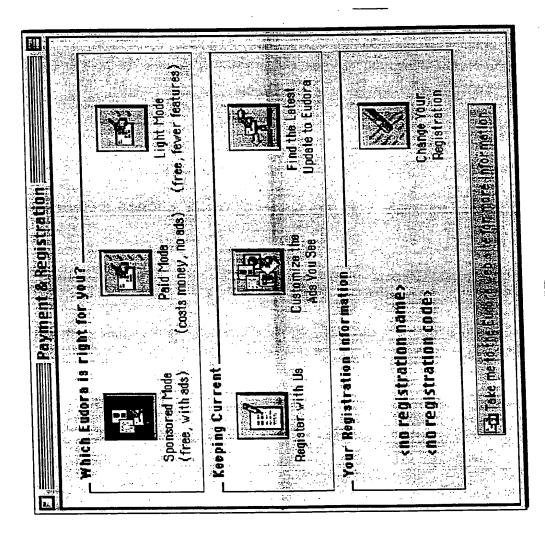


Fig. 5B

Ш	, , , , , , , ,	inger Signa					eleksi (d	j
		Would you like to register your copy of the as we do. We'll also As a registered user of Eudora we won't had you as often as we do. We'll also	erect a giant statue in your image on the rront lawn or our cur burds. The addustrers (*).	How tool is that? C'mon 'eqister it situn and easy!	(A Glant statue offer vold on the planet Earth)		Maybe later Take me to the registration page	美国的一个人,这个人的一个人的一个人的一个人的一个人的一个人的一个人的一个人的一个人的一个人的一
25	36 · · · · · · · · · · · · · · · · · · ·	Е		· Wana		. .		

Fig. 5(

Fig. 5D

		S				243
Thanks for choosing to purchase Eudora!	5	o you il be asked to provide your payment and registration information on the web site		6		Continue
1 5	purchase is complete: Eudora VIII open your web browser and take you to our Payment & tegistration page	2		 The next time you check mail Eudora will automatically recognize this code and display a dialog box inviting you to confirm your recistration information 		
	쿌	5		8	22	
1 }	∑	` \ =		8 5	• Te-da! Vou'll than become & Paid Inode usar Congretulations	
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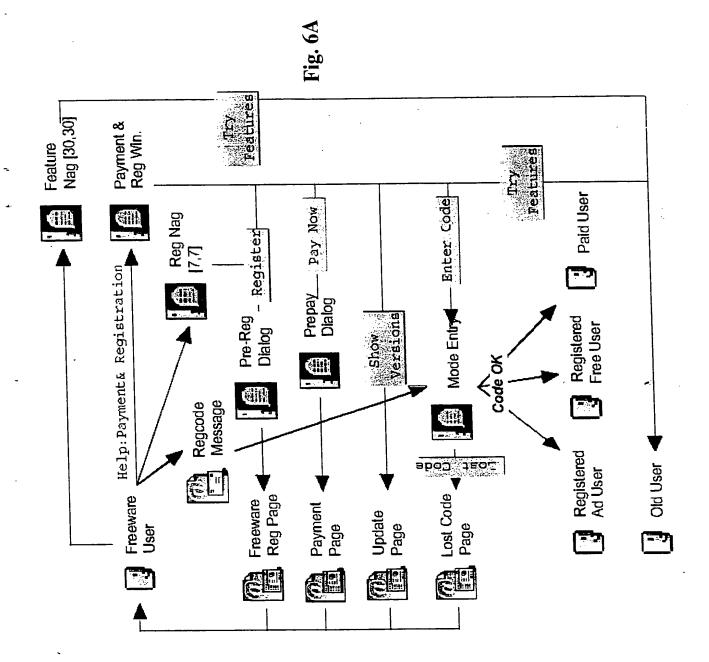
Fig. 5E

Thank you for your registrati on! To complete your registration, please enter the name you under and your registration code below.
The exact name you registered under:
First Name: Last Name:
John
Your registration code:
48925-89A2-B1149
Lost the Code

Fig. 5F

Do you really want to switch to the Light version of Eudora? while Eudora in light mode remains a very capable email client. It lacks the power of the full version. Here are some of the features you would be giving up with checkmarks next to the ones you're using now: Check the spelling of your email messages as you type Thuitiple personalities for managing multiple mail accounts or identities message stationery to help you respond to your mail more quickly multiple signatures to help personalize your mail More powerful filtering Change the personality associated with messages for better organization Change the personality was not in response to a filter Print mail directly from filters Open a message or mail box in response to a filter Print mail directly from filters You can porting to dora's full capabilities, hit "Concel" and then select if ull service Eudora's full capabilities, hit "Concel" and then select if ull service Eudora's full capabilities in the response to the read features.	TVERSION OF EUCORA Contype mail accounts or identities mail more quickly nail more quickly nail sending on your filters a filter these features, at no charge, really, want to make the ads
---	--

Fig. 5G



•

Would you like to try the full-featured version of Eudora? While Eutora in light made remained very capable amail program it lacks all the power of the full version. Here are some of the capabilities you could be using to manage your email (and you'll be getting more of it, we're sure). The full version is free because it is sponsor-supported. That means it has ads in it but they are displayed in a way that is sensitive to what you're doing when you're in email.	Check the spelling of your email messages as you type Multiple personalities for managing multiple mail accounts or identities Message stationery to help you respond to your mail more quickly	Multiple signatures to help personalize your mail More powerful filtering Change the personality associated with messages for better organization Play various sounds when mail arrives depending on your filters	Open a message or mailbox in response to a filter Print mail directly from filters Those features will be turned on automatically, of mochange, when you'click on that anticing button below. (C'mon allake a chance)	Gancel (F.V.O.V.) [Van Kin Lexa the Restudes []
the period of th	.,	up de Charles	2	

Fig. 6B

There are updates available to Eudora

You have Endora version 4.1. The following updates have become a since this version was released. If you'd like more information any of these updates, simply follow the links. If you'd rather you of updates, follow this.

Endora 5.0

This is a major upgrade, with great new features like automatic.

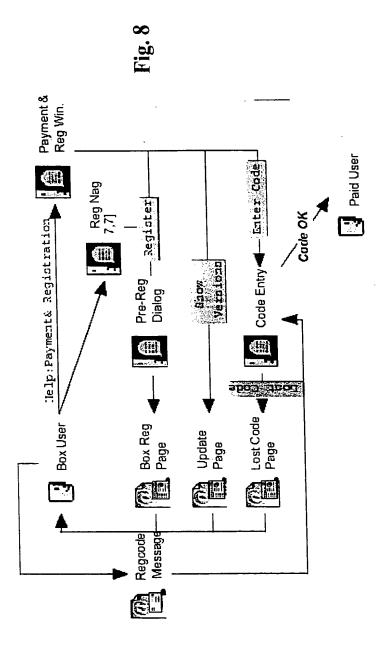
Endora 4.2

This update is mostly bug fixes. This update is free to you.

Printed Kanual

You can buy a printed manual for Eudora.

Fig. 7B



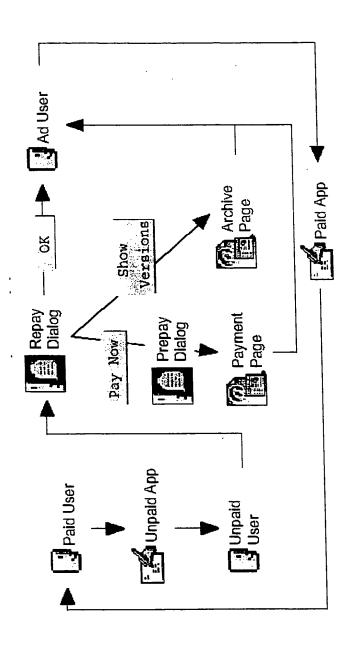


Fig. 9

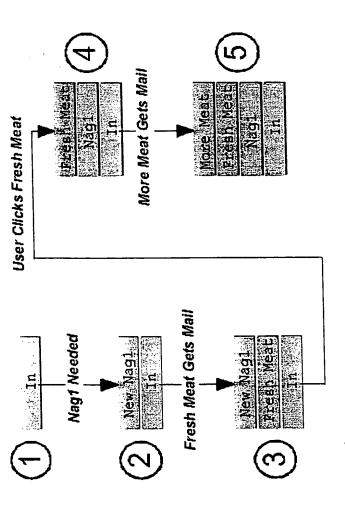


Fig. 1(

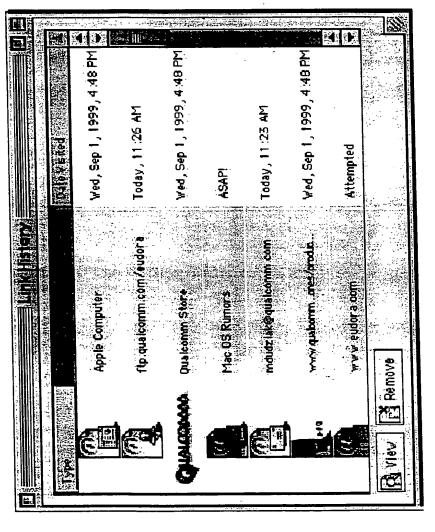


Fig. 12A

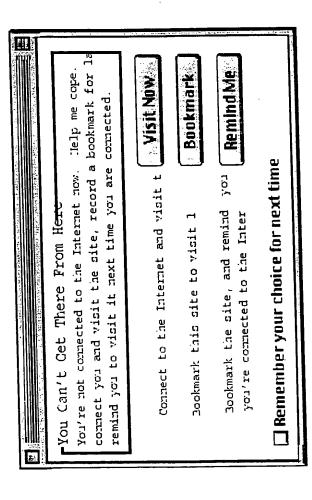


Fig. 12B

audj-dunaay	
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Blacks Circ Size, By-ca	500

Fig. 13A

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Fig. 13B

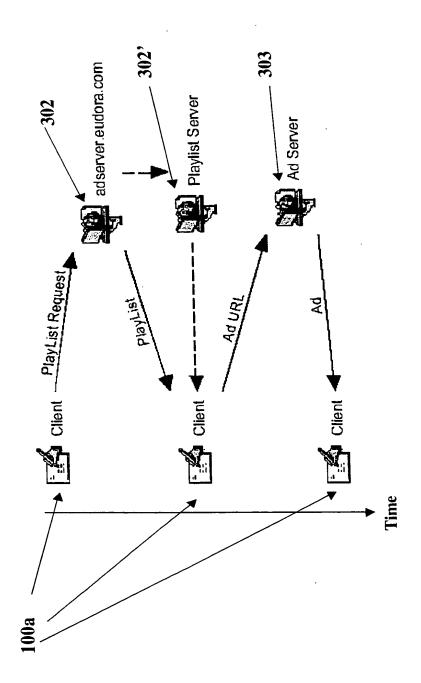


Fig. 14

```
// Main ad scheduler
ScheduleMain
// Has a new day dawned?
Do CheckForNewDay
// Are we are within the current ad's showFor?
if ( ad.thisShowTime < ad.showFor )</pre>
// there is nothing to be done
return
// At this point, we know that we need a new ad
// Perform housekeeping tasks on the old one
Do AdEndBookkeeping
// Pop out of a block if all ads on par
if ( block isn't all playlists )
find ad with minimum ad.numberShown
if ( ad.numberShown >= blockGoal )
set block to all playlists
// If we are over our quota of regular ads for the day,
// look for a runout
if ( adFaceTimeToday > faceTimeQuota )
{
Do ShowARunout
}
else
Do ShowARegularAd
}
// end ad schedule main
```

```
// We must perform certain tasks when the calendar day
changes.
CheckForNewDay
(if ( the calendar day has changed )
// Perform housekeeping tasks on the ad currently showing
Do StopShowingCurrentAd
// Runout ads are charged for a full showFor if they've been
// at all on a given day. Charge any runout ads if they've
been
// shown at all.
for runout ads
if ( ad.thisShowTime > 0 )
ad.totalTimeShown += ad.showFor
ad.thisShowTime = 0
}
// Now, reset the counters for all ads to reflect the fact
that
// a new day has dawned.
for all ads
ad.numberShownToday = 0
// Record yesterday's facetime
// Might not literally be yesterday, be sure to use
// whatever day the app was last run on
set old current day's facetime to totalFaceTimeToday
 // and reset our global regular ad facetime counter
 adFaceTimeToday = 0
 totalFaceTimeToday = 0
 // if we were in a block, back out
 set block to all playlists
 }
 }
 // end CheckForNewDay
```

```
// This function shows a runout ad, and if it
.// can't find one, goes to a rerun
ShowARunout
for runout ads
// has the ad been flushed?
if ( ad.flushed )
try next ad
// are we done showing this runout today?
if ( ad.numberShownToday > ad.dayMax )
try next ad // this one's used up for the day
// are we done showing this runout for ever and ever?
if ( ad.shownFor > ad.showForMax )
try next runout ad // this one's used up forever
 // are we between the ad's start and end dates?
 if ( ad.startDate < the current date < ad.endDate )
 try next runout ad
 // the ad is not supposed to run today
 // do we actually HAVE the ad?
 if ( ad has not been downloaded )
 ask for ad to be downloaded
 try next ad
 }
 // ok, we believe we should show this runout
 // we are now in runout state
 Do ShowAnAd
 return
 // if we haven't found a runout ad, we will go to "rerun"
 state
 Do ShowARerun
 // end ShowARunout
```

```
// Rerun state. Look for a regular ad to rerun
ShowARerun
for regular ads [ in current block ]
// has the ad been flushed?
if ( ad.flushed )
try next ad
// is this ad recent enough to rerun?
if ( ad.lastShownDate is older than returnInterval )
try next ad
// this one is too old to rerun
// if in block, show ads only if it's their "turn"
if ( ad.numberShownToday >= blockGoal )
try next ad // need to find a friend in this block
// are we between the ad's start and end dates?
if ( ad.startDate < the current date < ad.endDate )
try next ad
// the ad is not supposed to run today
// do we actually HAVE the ad?
if ( ad has not been downloaded )
 ask for ad to be downloaded
 try next ad
 }
 // ok, at this point we can show this ad, but because
 // we're in rerun, we don't keep the books
 Do ShowAnAd
 return
 // if we get here, we have no ads to show. Punt.
 return
 // end ShowARerun
```

```
// Show a regular ad
ShowARegularAd
 for regular ads [ in current block ]
 // has the ad been flushed?
 if ( ad.flushed )
 try next ad
 // are we done showing this ad today?
 if ( ad.numberShownToday > ad.dayMax )
 try next ad // this one's used up for the day
 // if in block, show ads only if it's their "turn"
 if ( ad.numberShownToday >= blockGoal )
 try next ad // need to find a friend in this block
 // are we done showing this ad for ever and ever?
 if ( ad.shownFor > ad.showForMax )
 try next ad // this one's used up forever
  // are we between the ad's start and end dates?
  if ( ad.startDate < the current date < ad.endDate )</pre>
 try next ad
  // the ad is not supposed to run today
  // do we actually HAVE the ad?
if (ad has not been downloaded)
  ask for ad to be downloaded
  try next ad
  }
  // ok, we believe we should show this ad
  // we are now in regular state
  Do ShowAnAd
  return
  // If we get here, we have failed to find a regular
  // ad. Go to runout
  Do ShowARunout
  // end ShowARegularAd
```

```
// Perform necessary housekeeping when we're taking
. // down an ad
AdEndBookkeeping
// In rerun state, we don't do any bookkeeping
if ( in RerunState )
return
 // Account for at most ad.showFor seconds, provided
 // we've shown the ad for at least ad.showFor seconds
 // Note that this means we don't charge for time beyond
 // ad.showFor seconds, which is important
 if ( ad.thisShowTime >= ad.showFor )
 ad.numberShownToday += ad.showFor
 ad.shownFor++
 // we do NOT reset this ShowTime here, we do it in
 // AdStartBookkeeping. It actually doesn't matter where
 // we do it, provided we are careful NOT to do it for
 // runout ads.
 // end AdEndBookkeeping
```

```
// Show an ad, including bookkeeping and block handling
ShowAnAd
{
// If the ad is in a block, notice that
if ( it's in a "block" playlist )
if ( not currently in a block )
find ad in block with minimum numberShown
make that our ad
 set blockGoal to minimum numberShown+1
 set current block to this playlist
 }
 // now do bookkeeping
 Do AdStartBookkeeping
 // and actually show it
 Do DisplayThatAd
 }
```

Fig. 15H

		a	Persistent Ads
		•	
PlayList Request	Request		
			faceTime. Used to determine how much advertising
			to send to client
			faceTimeLeft, Not used
PlavList	PlayList Response ClientInfo	ClientInfo	
	.		reginterval Relatively large: one or more days
			flush Used. Single playlist completely specifies
			list of ads client should have
PlavList	Response	PlayList Response Scheduling Parameters	Parameters
			showForMax Not used

Fig. 16A

		ร	Short-Lived Ads	Ads
PlayList	PlayList Request			
			faceTime Not used faceTimeLeft Used to	faceTimeLeft Used to determine how many ads client
				should receive
PlavList	PlayList Response ClientInfo	ClientInfo		
			reqinterval	reqinterval Not used. Inslead, client requests new
			flush	liush Not used
PlavList	Response	PlayList Response Scheduling		
	:			showForMax Used to determine how long an ad runs

Fig. 16B

Enter the second	Eudora doesn't seem to be getting ads.	displaying ads is a requirement for the free full-fectured version of Eudora Please visit the Eudora web site for information about how to resume getting	Invalid HTTP request (Error code 503)	revert to the Light version which is less powerful	(Take me to the Eudora web site)

Fig. 174



Something seems to be covering the ad.

It's probably inadvertent, but Eudora has determined that you are covering up all or a significant portlion of an ad. The sortware is designed to notify you when this happens in the hopes that you will stop covering up the ad. If you don't, this window will keep popping up (which you will probably find quite annoying)

We've always got some good stuff under development back at the home office and it's the advertising in Eudora that enables us to continue to develop the soffware while providing it to you for free We've worked hard to make sure the advertising isn't annoying and we genuinely hope that you are not deliberately advertising isn't annoying and we genuinely hope that you are not deliberately to pay us to cover the ads because they're bothering you. Of course, you can choose to pay us for Eudora by choosing "Payment & Registration" from the "Help" menuand clicking on "Paid Full Wersion." Or you can remove whatever is

Fig. 171

Eudora will now revert to a less powerful version.

Eudora has been unable to download ads for quite some time and will how revert to a less powerful version. If you would like more information about why Eudora's features are being reduced at this time, please visit the Eudora web site. You will find information there about how the full-featured version can be reactivated.

We're sorry for this inconvenience.

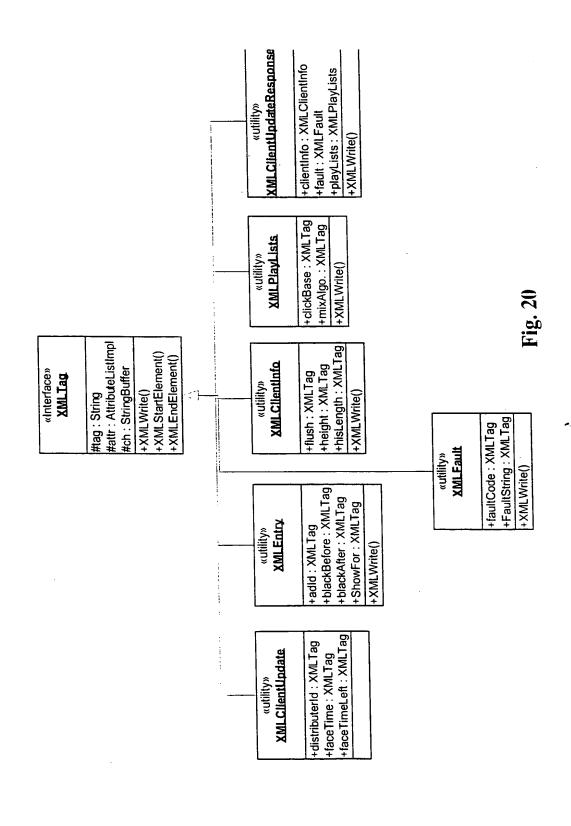
Fig. 17C

We'd like to know how you use Eutora In order to make Eudora work as well as possible, it's important that we know how people use it. We ask users for this information at random. Looks like if syour furn fround a message will be created. You can review the contents of the message if you like and a message will be created. You can review the contents of the message if you like
We value our privacy; we're pratty sure you value yours. So we want you to know what we'll be collecting and give you a chance to eliminate anything you don't want to send send. **Send. Si mply uncheck the boxes next to any information you'd rather not send. **Please understand that as soon as we receive your armall we will throw away the headers that identify the mail as coming from you'd you'see we don't actually need to project your know who you are to find your information helpful. So we promise to project your privacy and turn you into "just a number."
It's OK to transmit statistics regarding: Your demographic data Advertisement information Non-personal settings Whon-personal settings Cancel Cancel Cancel Cancel Cancel

Fig. 18A

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Fig. 19



1

8 The list of available ads advantageously can be built from the following query:

ads = dbCon.prcpareStatement("SELECT * FROM ads WHERE StartDate <= today AND endDate >= today + 30 AND AdType = "I" AND AdStatus = "A" AND ImpressionsServed < Impressions ORDERD BY ImpressionsServed ASC);

30 AND AdType = "R" AND AdStatus = "A" AND ImpressionsServed < Impressions ORDERD BY ImpressionsServed run out ads = dbCon.prepareStatement("SELECT * FROM ads WHERE StartDate <= today AND endDate >= today + ASC);

8 The time required to deliver the ads advantageously can be calculated in the following manner.

face time left for today [seconds] = faceTime[today] - faceTimeUsedToday

(Comment: Face time left for today is the number of secondes the servlet can use to deliver special ads today.)

predict face time [seconds] = SUM(faceTime[tomorrow], faceTime[tomorrow + 1], ... faceTime[tomorrow + reqInterval]

(Comment: Predict face time is the number of seconds the servlet predicts the user is going to have.)

goal show time left [seconds] = predict face time - faceTimeLeft

(Comment: Goal show time left is the number of seconds that the software provider needs to fill with ads.)

Fig. 21A

```
% Targeting
while (face time left for today ) {
    if ad is not in the history {
        select ad [according to target = today]
        face time left for today -= ad.showFor
    }

while (Goal show time left ) {
    if ad is not in the history {
        select ad [according to target]
        goal show time left -= ad.showFor
    }

hext ad

Default values:
    reqInterval = 1 day.
    facetime = 30 minutes
    facetime = 30 minutes
    facetime = 31 days.
    facetime = 31 days.
```

Fig. 21B

	«Interface»	-dbm : DBManag	+doGet() +doPost() +Init() +destroy()		
«utility» PlayListRequest	"com.jdark.xml.sax.Driver" : String handleRequest(input : InputSource, ClientUpdate : XMLClientUpdate) : boolean	«utility» PlayListResponse	playlistResponse: XMLClientUpdateResponse -handleResponse(XMLClientUpdateResponse: XMLClientUpdateResponse): boolean	«utility» PlayListsGenerator	rdbm : DBManager generate(clientUpdate : XMLClientUpdate, clientUpdateResponse : XMLClientUpdateResponse) : boolean

«Interface»

DBManager

-dbName : String

+openConnection() : boolean

+getConnection() : Connection

+exeSQL(startDate : SQLDate) : boolean

Fig. 22

